

Amendments to the Claims:

Please cancel Claims 2-5, and 16-19, and amend Claims 1, 6, 10, 15, and 20 as shown in the listing of the claims. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listings of Claims:

1. (currently amended) A method of storing a video stream on a storage medium, comprising:

separating each group of pictures (GOP) of a first compressed video stream into a first plurality of packets;

writing a first packet from the first plurality of packets to the storage medium;

separating each GOP of a second compressed video stream into a second plurality of packets; ~~and~~

writing a first packet from the second plurality of packets to the storage ~~medium~~. medium; and

writing a second packet from the first plurality of packets to the storage medium;

wherein the first packet from the first plurality of packets is written to the storage medium prior to writing the first packet from the second plurality of packets to the storage medium; and

wherein the first packet from the second plurality of packets is written to the storage medium prior to writing the second packet from the first plurality of packets to the storage medium.

2. (cancelled)

3. (cancelled)

4. (cancelled)

5. (cancelled)

6. (currently amended) The method of ~~Claim 5~~, Claim 1, further comprising writing a second packet from the second plurality of packets to the storage medium.

7. (original) The method of Claim 6, wherein the second packet from the second plurality of packets is written to the storage medium prior to writing the second packet from the first plurality of packets.

8. (original) The method of Claim 1, wherein the first plurality of packets comprises less than twenty-five packets.

9. (original) The method of Claim 1, wherein the first plurality of packets comprises eight packets.

10. (currently amended) A system for writing video data on a storage medium, comprising:

a packetizer for disassembling a first group of pictures (GOP) of a first video track into a first plurality of packets and a second GOP of a second video track into a second plurality of packets;

a video interleaver for combining packets from the first plurality of packets with packets from the second plurality of packets in an interleaved fashion into an interleaved video stream; and

a disk writer for storing the interleaved video stream onto the storage ~~medium~~. medium;

wherein the video interleaver and disk writer are configured to write a first packet from the first plurality of packets to the storage medium prior to writing a first packet from the second plurality of packets to the storage medium; and

wherein the video interleaver and disk writer are configured to write the first packet from the second plurality of packets is written to the storage medium prior to writing a second packet from the first plurality of packets to the storage medium.

11. (original) The system of Claim 10, wherein the storage medium is a digital video disk (DVD).

12. (original) The system of Claim 10, wherein the video interleaver incorporates a first number of packets from the first plurality of packets prior to incorporating a second number of packets from the second plurality of packets.

13. (original) The system of Claim 12, wherein the first number is two.

14. (original) The system of Claim 13, wherein the second number is three.

15. (currently amended) A storage medium, comprising:
a first packet from a first compressed video stream, the first compressed video stream including a first group of pictures (GOP) and a second GOP, wherein a size of the first packet is less than a size of the first GOP; ~~and~~

a first packet from a second compressed video stream stored subsequent to the first packet from the first compressed video stream, the second compressed video stream including a third GOP,

wherein a size of the first packet from the second compressed video stream is less than a size of the third ~~GOP~~ GOP;

a second packet from the first compressed video stream;

wherein the first packet from the first compressed video stream is located before the first packet from the second compressed video stream on the storage medium; and

wherein the first packet from the second compressed video stream is located before the second packet from the first compressed video stream on the storage medium.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (currently amended) The storage medium of ~~Claim 16~~, Claim 15; wherein the first packet from the first compressed video stream has the same size as the second packet from the first compressed video stream.

21. (original) The storage medium of Claim 15, wherein the first packet from the first compressed video stream has the same size as the first packet from the second compressed video stream.

22. (withdrawn)

23. (withdrawn)

24. (withdrawn)

25. (withdrawn)

- 26. (withdrawn)
- 27. (withdrawn)
- 28. (withdrawn)
- 29 . (withdrawn)
- 30. (withdrawn)
- 31. (withdrawn)
- 32. (withdrawn)
- 33. (withdrawn)
- 34. (withdrawn)
- 35. (withdrawn)
- 36. (withdrawn)
- 37. (withdrawn)